Argonne National Laboratory,
Lemont, Illinois, USA
Your ref: Antonino Micelo

Quotation:

High Resolution X-ray imaging camera

1. System Description

Scint-X has developed a structured scintillator technology, enhancing resolution and contrast of digital x-ray imaging detectors. The scintillator for this x-ray CCD camera system was developed by Scint-X in collaboration with SSC and tested during the course of the ESA "X-ray Diagnostics for Space" project. When combined with a suitable microfocus x-ray source, the camera system delivers excellent spatial and dynamic performance, suitable for "high-resolution desktop x-ray imaging".

We are hereby pleased to offer an x-ray CCD camera system, equipped with a Scint-X structured scintillator:

2. Deliverables and prices

Item	Description	Price (EUR)
1.1a	**CCD-11000XR** X-ray Detector with 11 MPixels Detector size: 36 x 24 mm Resolution: > 25 LP/mm 4024 (H) x 2680 (V) pixels, 3 fps or 2012 (H) x 1340 (V) pixels, 6 fps (2x2 Binning) No image distortion No shading No mechanical shutter **Art. no.: 1017200**	**12.800,00**
1.1b	**COOL-11000XR** X-ray Detector with 11 Mpixels Peltier cooled for longer exposure times Detector size: 36 x 24 mm Resolution: > 25 LP/mm 4024 (H) x 2680 (V) pixels, 3 fps or 2012 (H) x 1340 (V) pixels, 6 fps (2x2 Binning) No image distortion No shading No mechanical shutter **Art. no.: 1029200**	**16.250,00**
1.2	**GIP-1000** LVDS to Gigabit Ethernet adapter Universal use with nearly all VDS digital cameras Pixel clock up to 40 MHz Optocoupler in- and outputs for control signals GigaBit-Ethernet output (1000 Base-T) **Art. no.: 1038500**	**1.150,00**

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1.3	**Power Supply Type1/15** 100 - 240V / 12V; 3A With 15 pin DSub-connector **Art. no.: 1021000**		**98,00**
1.4	**AcquireControl V3.5.1 (**w. "ImgProcessChains.ini") Simple image processing software for VDS cameras Live image display & storage of single images Support of monochrome-, color- and IR-cameras Image correction through a LUT (Look Up Table) White adjustment; Histogram and Statistics function Extensive and comfortable adjustment of exposure time Support of GigE, IEEE1394 and MatrixVision framegrabber Support of Microsoft® Windows 2000, XP, Vista **Art. no.: 2009020**		**400,00**
1.5	**Ethernet Cable CAT5E 3m** **Art. no.: 9001020**		**23,50**
	The camera prices are without lens and power supply. **The above mentioned prices do not contain:** **Transport, Insurance, Packing + Handling.**		
2.1	**Scintillator (ready mounted on camera):** - Structured scintillator module, physical size 25,5 mm x 37,5 mm. - Scintillator layer thickness 200-225um - Silicon substrate thickness 500 um - MTF: typically 40% at 10 lp/mm - Sensitivity/light output: Best effort		**15.000,00**

3. Payment terms

50% of the price of the ordered items, within 30 days from receipt of order.
Remaining 50% within 30 days from delivery of ordered item.

4. Delivery terms

According to NL 01

5. Validity of quotation

Until December 10.

Sincerely,

Per Wiklund
CEO, Scint-X AB